

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
DCP Operating Company, LP

AUTHORIZING THE OPERATION OF
Three Rivers Gas Plant
Natural Gas Liquids

LOCATED AT
Live Oak County, Texas
Latitude 28° 24' 18" Longitude 98° 8' 9"
Regulated Entity Number: RN100542794

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: 02803 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts HH and ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113,

Subchapter C, §§ 113.390 and 113.1090 respectively which incorporate the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- C. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
 - (iii) Title 30 TAC § 111.213 (relating to Exception for Hydrocarbon Burning)
 - (iv) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
 - (v) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
- 4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)

- E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
5. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
 6. For oil and natural gas production facilities as specified in 40 CFR Part 63, Subpart HH, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.390 incorporated by reference):
 - A. Title 40 CFR § 63.760(a)(1)(i) - (iii) (relating to Applicability and Designation of Affected Source)
 7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

8. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
 - A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).

- D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
- E. The permit holder shall comply with either of the following requirements for any capture system associated with the VOC control device subject to CAM. If the results of the following inspections indicate that the capture system is not working properly, the permit holder shall promptly take necessary corrective actions:
 - (i) Once a year the permit holder shall inspect the capture system in compliance of CAM for leaks in accordance with 40 CFR Part 60, Appendix A, Test Method 21. Leaks shall be indicated by an instrument reading greater than or equal to 500 ppm above background or as defined by the underlying applicable requirement; or
 - (ii) Once a month, the permit holder shall conduct a visual, audible, and/or olfactory inspection of the capture system in compliance of CAM to detect leaking components.
- F. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

New Source Review Authorization Requirements

- 9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
- 10. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
- 11. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).
- 12. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time

period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

13. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
 - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
 - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
 - C. Applicable requirements of 30 TAC § 116.620 for Installation and/or Modification of Oil and Gas Facilities based on the information contained in the registration application.

Compliance Requirements

14. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
15. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

16. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

17. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Permit Location

18. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

19. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
ENG-1	SRIC ENGINES	N/A	SP-003	30 TAC Chapter 116, Standard Permits	No changing attributes.
ENG-1	SRIC ENGINES	N/A	63ZZZZ-001	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-3B	SRIC ENGINES	N/A	63ZZZZ-002	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
ENG-7	SRIC ENGINES	N/A	60JJJJ-001	40 CFR Part 60, Subpart JJJJ	No changing attributes.
ENG-7	SRIC ENGINES	N/A	63ZZZZ-004	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
FL-1	FLARES	N/A	R1111-0001	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FL-1	FLARES	N/A	63A-1	40 CFR Part 63, Subpart A	No changing attributes.
FL-2	FLARES	N/A	R1111-0002	30 TAC Chapter 111, Visible Emissions	No changing attributes.
FUG-1	FUGITIVE EMISSION UNITS	N/A	60KKK-ALL	40 CFR Part 60, Subpart KKK	No changing attributes.
FUG-1	FUGITIVE EMISSION UNITS	N/A	60OOOO	40 CFR Part 60, Subpart OOOO	No changing attributes.
FUG-1	FUGITIVE EMISSION UNITS	N/A	63HH-002	40 CFR Part 63, Subpart HH	No changing attributes.
FUG-COMP6	FUGITIVE EMISSION UNITS	N/A	60OOOO	40 CFR Part 60, Subpart OOOO	No changing attributes.
FUG-H4	FUGITIVE EMISSION UNITS	N/A	60OOOO	40 CFR Part 60, Subpart OOOO	No changing attributes.
H-1	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60DC-0004	40 CFR Part 60, Subpart Dc	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
L-2	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
LOAD-1	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
PRO-AMINE	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
PRO-AMINE	GAS SWEETENING/SULFUR RECOVERY UNITS	N/A	60LLL-0001	40 CFR Part 60, Subpart LLL	No changing attributes.
PRO-GLY	GLYCOL DEHYDRATION	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
PRO-GLY	GLYCOL DEHYDRATION	N/A	63HH-003	40 CFR Part 63, Subpart HH	No changing attributes.
TK-1	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
TK-2	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
TK-3	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
TK-4	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
TK-5	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
TK-6	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
TK-7	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116, Standard Permits	No changing attributes.
TK-8	MISCELLANEOUS UNITS	N/A	SP-001	30 TAC Chapter 116,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
				Standard Permits	

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ENG-1	EU	SP-003	CO, NO _x	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
ENG-1	EU	63ZZZZ-001	Formaldehyde	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(a)-Table1a.1.a § 63.6595(c) § 63.6600(a)-Table1b.1.a § 63.6600(a)-Table1b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6630(b) § 63.6640(b)	For each 4SRB stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions, except during periods of startup, operating at 100% load plus or minus 10%, you must reduce formaldehyde emissions by 76% or more.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) § 63.6615 § 63.6620(a) § 63.6620(a)-Table4.2.a.i § 63.6620(a)-Table4.2.a.ii § 63.6620(a)-Table4.2.a.iii § 63.6620(a)-Table4.2.a.iv § 63.6620(b) § 63.6620(b)(1) § 63.6620(d) § 63.6620(e)(1) [G]§ 63.6625(b) § 63.6630(a)-Table5.7.a.i § 63.6630(a)-Table5.7.a.ii § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.4.a.i § 63.6640(a)-Table6.4.a.ii § 63.6640(a)-Table6.4.a.iii § 63.6640(a)-Table6.4.a.iv § 63.6640(b)	§ 63.6620(i) § 63.6630(a)-Table5.7.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) [G]§ 63.6650(c) [G]§ 63.6650(d) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ENG-3B	EU	63ZZZZ-002	CO	40 CFR Part 63, Subpart ZZZZ	§ 63.6600(b)-Table2a.2.a § 63.6595(c) § 63.6600(b)-Table2b.1.a § 63.6600(b)-Table2b.1.b § 63.6605(a) § 63.6605(b) § 63.6625(h) § 63.6630(a) § 63.6630(b) § 63.6640(b)	For each new or reconstructed 4SLB stationary RICE with a site rating equal to or more than 500 brake HP located at major source of HAP emissions, operating at 100% load plus or minus 10%, you must reduce CO emission by 93% or more.	§ 63.6610(a) § 63.6610(b) § 63.6610(c) § 63.6615 § 63.6620(a) § 63.6620(a)-Table3.1 § 63.6620(a)-Table4.1.a.i § 63.6620(a)-Table4.1.a.ii § 63.6620(a)-Table4.1.a.iii § 63.6620(b) § 63.6620(b)(2) § 63.6620(d) § 63.6620(e)(1) [G]§ 63.6620(e)(2) [G]§ 63.6625(b) § 63.6630(a)-Table5.1.a.i § 63.6630(a)-Table5.1.a.ii § 63.6630(a)-Table5.1.a.iii § 63.6635(a) § 63.6635(b) § 63.6640(a) § 63.6640(a)-Table6.1.a.i § 63.6640(a)-Table6.1.a.ii § 63.6640(a)-Table6.1.a.iii § 63.6640(a)-Table6.1.a.iv § 63.6640(a)-Table6.1.a.v § 63.6640(b)	§ 63.6620(i) § 63.6630(a)-Table5.1.a.iii § 63.6635(a) § 63.6635(c) § 63.6655(a) § 63.6655(a)(1) § 63.6655(a)(2) § 63.6655(a)(3) § 63.6655(a)(4) § 63.6655(a)(5) [G]§ 63.6655(b) § 63.6655(d) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6620(i) § 63.6630(c) § 63.6640(b) § 63.6640(e) § 63.6645(a) § 63.6645(c) § 63.6645(g) § 63.6645(h) § 63.6645(h)(2) § 63.6650(a) § 63.6650(a)-Table7.1.a.i § 63.6650(a)-Table7.1.b § 63.6650(a)-Table7.1.c § 63.6650(b) § 63.6650(b)(1) § 63.6650(b)(2) § 63.6650(b)(3) § 63.6650(b)(4) [G]§ 63.6650(c) [G]§ 63.6650(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
ENG-7	EU	60JJJJ-001	CO	40 CFR Part 60, Subpart JJJJ	§ 60.4233(c) § 60.4231(c) § 60.4234 § 60.4243(a) § 60.4243(a)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246 § 90.103(a)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than 19 KW and less than 97 KW that are rich burn engines that use LPG and were manufactured on or after 01/01/2009 must comply with a CO emission limit of 519 g/KW-hr, as stated in 40 CFR 60.4231(c) and 40 CFR 90.103(a).	§ 60.4237(c)	§ 60.4243(a)(1) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	None
ENG-7	EU	60JJJJ-001	HC and NO _x	40 CFR Part 60, Subpart JJJJ	§ 60.4233(c) § 60.4231(c) § 60.4234 § 60.4243(a) § 60.4243(a)(1) [G]§ 60.4243(d) § 60.4243(g) § 60.4246 § 90.103(a)	Owners and operators of stationary emergency SI ICE with a maximum engine power greater than 19 KW and less than 97 KW that are rich burn engines that use LPG and were manufactured on or after 01/01/2009 must comply with an HC+NO _x emission limit of 13.4 g/KW-hr, as stated in 40 CFR 60.4231(c) and 40 CFR 90.103(a).	§ 60.4237(c)	§ 60.4243(a)(1) § 60.4245(a)(1) § 60.4245(a)(2) § 60.4245(a)(3) § 60.4245(b)	None
ENG-7	EU	63ZZZZ-004	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
FL-1	EU	R1111-0001	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FL-1	CD	63A-1	112(B) HAPS	40 CFR Part 63, Subpart A	§ 63.11(b)(4) § 63.11(b)(1) § 63.11(b)(2) § 63.11(b)(3) § 63.11(b)(5) § 63.11(b)(6)(ii) § 63.11(b)(7)(i)	Flares shall be designed and operated with no visible emissions, except for periods of a total of 5 minutes or less during any 2 consecutive hrs. Test Method 22 in App. A of part 60 of this chapter shall be used.	§ 63.11(b)(4) § 63.11(b)(5) § 63.11(b)(7)(i)	None	None
FL-2	EU	R1111-0002	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(f)	Use this provision instead of §60.485(d)(1). Each component is presumed to be in VOC service or in wet gas service unless it is not. For a component to be considered not in VOC service, it must be	§ 60.632(f)	§ 60.632(f)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						determined that the % VOC content can never be expected to exceed 10.0 % by wt. For a component to be considered in wet gas service, it must be determined that it contains or contacts the field gas before the extraction step in the process. To determine VOC content use the procedures in §60.63.			
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.633(f)	Reciprocating compressors in wet gas service are exempt from the compressor control requirements of §60.482-3.	None	§ 60.486(j) § 60.635(c)	None
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements for compressors as stated in §60.482-3 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(d)	Equipment in vacuum service to comply with	None	[G]§ 60.486(a) § 60.486(e)	§ 60.487(a) [G]§ 60.487(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.486(k)	§60.482-1(a), (b), and (d) and §60.482-2 to §60.482-10, except as provided in §60.633 or §60.482-1(d).		§ 60.486(e)(1) § 60.486(e)(5) § 60.486(j)	[G]§ 60.487(c) § 60.487(e)
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(a)(2) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k)	Comply with the requirements for pumps in light liquid service as stated in §60.482-2 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-2(a)(1) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) [G]§ 60.486(h) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2)	Comply with the requirements for pressure relief devices in gas/vapor service as stated in §60.482-4 and 60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d) § 60.633(b)(1)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) [G]§ 60.633(b)(4) [G]§ 60.635(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-9(a) § 60.482-9(b) § 60.486(k) [G]§ 60.633(b)(3)		§ 60.633(b)(2) [G]§ 60.633(b)(3) [G]§ 60.633(b)(4)		
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-6(a)(1) § 60.482-6(a)(2) § 60.482-6(b) § 60.482-6(c) § 60.482-6(d) § 60.482-6(e) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	Comply with the requirements for open-ended valves or lines as stated in §60.482-6 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) § 60.485(f) § 60.632(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	Comply with the requirements for valves in gas/vapor service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
FUG-1	EU	60KKK-	VOC	40 CFR Part 60,	§ 60.632(a)	Comply with the	§ 60.482-1(f)(1)	§ 60.482-1(g)	§ 60.487(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
		ALL		Subpart KKK	§ 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-7(b) § 60.482-7(d)(1) § 60.482-7(d)(2) [G]§ 60.482-7(e) [G]§ 60.482-7(f) [G]§ 60.482-7(g) [G]§ 60.482-7(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)	requirements for valves in light liquid service as stated in §60.482-7 and §60.482-1(a), (b) and (d), except as provided in §60.633.	§ 60.482-1(f)(2) [G]§ 60.482-1(f)(3) § 60.482-7(a)(1) [G]§ 60.482-7(a)(2) § 60.482-7(c)(1)(i) § 60.482-7(c)(1)(ii) § 60.482-7(c)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	[G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(f) § 60.486(j)	[G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k)	Comply with the requirements for pumps in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b)	Comply with the requirements for pressure relief devices in light liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)		§ 60.632(d) [G]§ 60.633(h)		
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements for pressure relief devices in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.486(k)	Comply with the requirements for connectors as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e) § 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636
FUG-1	EU	60KKK-ALL	VOC	40 CFR Part 60, Subpart KKK	§ 60.632(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2)	Comply with the requirements for valves in heavy liquid service as stated in §60.482-8, except as provided in §60.633.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) § 60.485(d)(2) § 60.485(d)(3) [G]§ 60.485(e)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) [G]§ 60.636

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(c) § 60.482-9(e) § 60.482-9(f) § 60.486(k)		§ 60.485(f) § 60.632(d) [G]§ 60.633(h)	§ 60.486(j)	
FUG-1	EU	600000	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5365 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOO
FUG-1	EU	63HH-002	112(B) HAPS	40 CFR Part 63, Subpart HH	§ 63.769(b)	This section does not apply to ancillary equipment and compressors for which the owner or operator is subject to and controlled under the requirements specified in subpart H of this part; or is subject to and controlled under the requirements specified in 40 CFR part 60, subpart OOOO. Ancillary equipment and compressors subject to and controlled under 40 CFR part 60, subpart OOOO shall submit the periodic reports specified in §63.775(e).	None	None	§ 63.769(b) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2)(xiv) [G]§ 63.775(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
FUG-COMP6	EU	600000	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5365 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOO
FUG-H4	EU	600000	VOC	40 CFR Part 60, Subpart OOOO	§ 60.5365 The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 60, Subpart OOOO	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 60, Subpart OOOO
H-1	EU	60DC-0004	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
H-1	EU	60DC-0004	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
H-1	EU	60DC-0004	PM (OPACITY)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed,	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(i)	
L-2	EU	SP-001	VOC	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
LOAD-1	EU	SP-001	VOC	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
PRO-AMINE	EU	SP-001	VOC, HAPS	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
PRO-AMINE	PRO	60LLL-0001	SO2	40 CFR Part 60, Subpart LLL	§ 60.640(b)	Facilities that have a design capacity less than 2 LT/D of H2S in the acid gas (expressed as sulfur) are required to comply with §60.647(c) but not §60.642 through §60.646.	None	§ 60.647(c)	None
PRO-GLY	EU	SP-001	VOC, HAPS	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
PRO-GLY	EU	63HH-003	112(B) HAPS	40 CFR Part 63, Subpart HH	§ 63.765(b)(1)(iii) § 63.11(b) § 63.764(a) § 63.764(j) § 63.765(b)(1)(iii)(A) § 63.771(c)(1) § 63.771(c)(2) § 63.771(f)(1) § 63.771(f)(1)(iii) § 63.771(f)(2) § 63.771(f)(2)(i) § 63.771(f)(2)(ii) [G]§ 63.773(c)(3)	The owner or operator must limit BTEX emissions from each existing small glycol dehydration unit process vent, as defined in §63.761, to the limit determined in Equation 1 of this section. The limits determined using Equation 1 must be met in accordance with one of the alternatives specified in paragraphs (b)(1)(iii)(A) through (D) of this section.	[G]§ 63.772(c) § 63.772(d)(1) § 63.772(e) [G]§ 63.772(e)(2) § 63.772(e)(4)(ii) [G]§ 63.772(f) [G]§ 63.773(c)(2)(i) [G]§ 63.773(c)(2)(ii) [G]§ 63.773(d)(1) § 63.773(d)(3) § 63.773(d)(3)(i)(C) § 63.773(d)(3)(iii) § 63.773(d)(4)	§ 63.771(e)(1) § 63.771(e)(2) § 63.771(e)(3)(i) [G]§ 63.774(b)(1) § 63.774(b)(10) § 63.774(b)(11) § 63.774(b)(2) [G]§ 63.774(b)(3) § 63.774(b)(4) § 63.774(b)(4)(i) § 63.774(b)(4)(ii)(A) § 63.774(b)(7) § 63.774(b)(7)(i)	§ 63.764(b) [G]§ 63.773(c)(2)(i) [G]§ 63.773(c)(2)(ii) [G]§ 63.775(b)(1) § 63.775(b)(2) § 63.775(b)(3) § 63.775(b)(4) § 63.775(b)(5) § 63.775(b)(6) § 63.775(d) § 63.775(d)(10) § 63.775(d)(11) [G]§ 63.775(d)(2)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.773(c)(4)		§ 63.773(d)(6) § 63.773(d)(6)(i) § 63.773(d)(6)(iv) § 63.773(d)(7)	§ 63.774(b)(7)(ii) § 63.774(b)(7)(iii) § 63.774(b)(7)(iv) § 63.774(b)(7)(v) § 63.774(b)(7)(vi) § 63.774(b)(7)(vii) § 63.774(b)(7)(viii) § 63.774(g)	§ 63.775(d)(6) § 63.775(d)(7) § 63.775(e) § 63.775(e)(1) § 63.775(e)(2) § 63.775(e)(2)(i) § 63.775(e)(2)(ii) § 63.775(e)(2)(ii)(A) § 63.775(e)(2)(ii)(D) § 63.775(e)(2)(iii) [G]§ 63.775(e)(2)(vii) § 63.775(e)(2)(viii) § 63.775(e)(2)(x) § 63.775(e)(2)(xi) [G]§ 63.775(f) § 63.775(g)(1)
TK-1	EU	SP-001	VOC	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
TK-2	EU	SP-001	VOC	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
TK-3	EU	SP-001	VOC	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
TK-4	EU	SP-001	VOC	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
TK-5	EU	SP-001	VOC, HAPS	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
TK-6	EU	SP-001	VOC, HAPS	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169
TK-7	EU	SP-001	VOC, HAPS	30 TAC Chapter	39169	39169	39169	39169	39169

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				116, Standard Permits			** See CAM Summary		
TK-8	EU	SP-001	VOC, HAPS	30 TAC Chapter 116, Standard Permits	39169	39169	39169 ** See CAM Summary	39169	39169

Additional Monitoring Requirements

Compliance Assurance Monitoring Summary 29

CAM Summary

Unit/Group/Process Information	
ID No.: ENG-1	
Control Device ID No.: ENG-1	Control Device Type: Catalytic Converter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-003
Pollutant: CO, NO _x	Main Standard: 39169
Monitoring Information	
Indicator: Inlet Gas Temperature	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inlet gas temperature < 750 degF or > 1250 degF.	
<p>CAM Text: The monitoring device should be installed to record the inlet flue gas temperature to the catalyst. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: ENG-1	
Control Device ID No.: ENG-1	Control Device Type: Catalytic Converter
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-003
Pollutant: CO, NO _x	Main Standard: 39169
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: once per month	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the pressure drop across the catalyst changes by more than 2 inches of water at 100% load \pm 10% from the pressure drop across the catalyst measured during the initial performance test.	
CAM Text: Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly. The monitoring device shall measure pressure drop across the catalyst in inches of water.	

CAM Summary

Unit/Group/Process Information	
ID No.: L-2	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: L-2	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: LOAD-1	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: LOAD-1	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO-AMINE	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO-AMINE	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO-GLY	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: PRO-GLY	
Control Device ID No.: FL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-1	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-1	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-2	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-2	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-3	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-3	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-4	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-4	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-5	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-5	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-6	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-6	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-7	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-7	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-8	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per day	
Averaging Period: n/a	
Deviation Limit: The presence of visible emissions is a deviation.	
<p>CAM Text: Visible emissions observations shall be made and recorded in the flare operation log. A daily notation in the flare operation log should include the time of day and whether or not the flare had visible emissions. The flare operator shall record at least 98% of these required observations. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: TK-8	
Control Device ID No.: FL-2	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 116, Standard Permits	SOP Index No.: SP-001
Pollutant: VOC, HAPS	Main Standard: 39169
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Continuous	
Averaging Period: n/a	
Deviation Limit: The absence of a flame is a deviation.	
<p>CAM Text: Monitor the presence of a flare pilot flame using a thermocouple or other equivalent device to detect the presence of a flame or using an alarm that uses a thermocouple or other equivalent device to detect the absence of a flame. Maintain records of alarm events and duration of alarm events. Each monitoring device shall undergo an annual Performance Check involving at least one additional monitoring device, either redundant to or different from the monitoring device being tested, and documented by a written procedure that provides adequate assurance that the device is performing properly.</p>	

Permit Shield

Permit Shield 56

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
ENG-1	N/A	30 TAC Chapter 112, Sulfur Compounds	The engine does not combust liquid fuel.
ENG-1	N/A	30 TAC Chapter 117, Subchapter B	The engine is not located in the Beaumont/ Port Arthur, Dallas/Fort Worth, and Houston/Galveston/Brazoria ozone non-attainment areas.
ENG-1	N/A	40 CFR Part 60, Subpart JJJJ	The engine was manufactured before July 1, 2007 and construction commenced prior to June 12, 2006.
ENG-2	N/A	30 TAC Chapter 112, Sulfur Compounds	The engine does not combust liquid fuel.
ENG-2	N/A	30 TAC Chapter 117, Subchapter B	The engine is not located in the Beaumont/ Port Arthur, Dallas/Fort Worth, and Houston/Galveston/Brazoria ozone non-attainment areas.
ENG-2	N/A	40 CFR Part 60, Subpart JJJJ	The engine was manufactured before July 1, 2007 and constructed prior to June 12, 2006.
ENG-4	N/A	30 TAC Chapter 112, Sulfur Compounds	The engine does not combust liquid fuel.
ENG-4	N/A	30 TAC Chapter 117, Subchapter B	The engine is not located in the Beaumont/ Port Arthur, Dallas/Fort Worth, and Houston/Galveston/Brazoria ozone non-attainment areas.
ENG-4	N/A	40 CFR Part 60, Subpart JJJJ	The engine was manufactured before July 1, 2007 and constructed prior to June 12, 2006.
ENG-5A	N/A	30 TAC Chapter 112, Sulfur Compounds	The engine does not combust liquid fuel.
ENG-5A	N/A	30 TAC Chapter 117, Subchapter B	The engine is not located in the Beaumont/ Port Arthur, Dallas/Fort Worth, and

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			Houston/Galveston/Brazoria ozone non-attainment areas.
ENG-5A	N/A	40 CFR Part 60, Subpart JJJJ	Construction of unit commenced prior to June 12, 2006.
ENG-5A	N/A	40 CFR Part 64, Compliance Assurance Monitoring	The unit's pre-control potential to emit is below major source level of any applicable criteria pollutant.
FL-1	N/A	40 CFR Part 60, Subpart A	Flare is not used as a control device for any NSPS subject source in order to comply with applicable NSPS standards
FL-2	N/A	40 CFR Part 60, Subpart A	Flare is not used as a control device for any NSPS subject source in order to comply with applicable NSPS standards
H-1	N/A	40 CFR Part 63, Subpart DDDDD	The unit is not subject to MACT DDDDD because the facility became a minor source of HAPs before April 1, 2013, the first compliance date of MACT DDDDD.
H-2	N/A	40 CFR Part 60, Subpart Dc	The unit's maximum design heat input capacity is less than 2.9 MW (10 MMBtu/hr).
H-2	N/A	40 CFR Part 63, Subpart DDDDD	The unit is not subject to MACT DDDDD because the facility became a minor source of HAPs before April 1, 2013, the first compliance date of MACT DDDDD.
H-3	N/A	40 CFR Part 60, Subpart Dc	The unit's maximum design heat input capacity is less than 2.9 MW (10 MMBtu/hr).
H-3	N/A	40 CFR Part 63, Subpart DDDDD	The unit is not subject to MACT DDDDD

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			because the facility became a minor source of HAPs before April 1, 2013, the first compliance date of MACT DDDDD.
H-4	N/A	30 TAC Chapter 117, Subchapter B	The source is not located in ozone non-attainment area.
H-4	N/A	40 CFR Part 63, Subpart DDDDD	The unit is not subject to MACT DDDDD because the facility became a minor source of HAPs before April 1, 2013, the first compliance date of MACT DDDDD.
PRO-AMINE	N/A	40 CFR Part 60, Subpart OOOO	Construction of the unit commenced prior to August 23, 2011.
TK-1	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meter
TK-1	N/A	40 CFR Part 60, Subpart OOOO	Construction of the unit commenced prior to August 23, 2011.
TK-2	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meter
TK-2	N/A	40 CFR Part 60, Subpart OOOO	Construction of the unit commenced prior to August 23, 2011.
TK-3	N/A	40 CFR Part 60, Subpart Kb	Storage tank has a capacity less than 75 cubic meter
TK-3	N/A	40 CFR Part 60, Subpart OOOO	Construction of the unit commenced prior to August 23, 2011.
TK-4	N/A	40 CFR Part 60, Subpart OOOO	Construction of the unit commenced prior to August 23, 2011.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
TK-5	N/A	40 CFR Part 60, Subpart OOOO	The unit's potential to emit VOC emissions is less than 6 tpy.
TK-6	N/A	40 CFR Part 60, Subpart OOOO	The unit's potential to emit VOC emissions is less than 6 tpy.
TK-7	N/A	40 CFR Part 60, Subpart OOOO	The unit's potential to emit VOC emissions is less than 6 tpy.
TK-8	N/A	40 CFR Part 60, Subpart OOOO	The unit's potential to emit VOC emissions is less than 6 tpy.
TK-9	N/A	40 CFR Part 60, Subpart OOOO	The unit's potential to emit VOC emissions is less than 6 tpy.

New Source Review Authorization References

New Source Review Authorization References	61
New Source Review Authorization References by Emission Unit	62

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 39169	Issuance Date: 04/11/2017
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.511	Version No./Date: 03/14/1997
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
ENG-1	WAUKESHA 7042 GSI	39169
ENG-2	CATERPILLAR G-3612	39169
ENG-3B	3550 HP CATERPILLAR G-3612	39169
ENG-4	CATERPILLAR G-3516	39169
ENG-5A	1100 HP SUPERIOR 8GTLE	39169
ENG-7	CONTROL ROOM GENERATOR	106.511/03/14/1997
FL-1	PLANT PROCESS FLARE	39169
FL-2	PLANT FLASH, STORAGE TANK & LOADING FLARE	39169
FUG-1	PLANT FUGITIVE EMISSIONS	39169
FUG-COMP6	ELECTRIC DRIVEN COMPRESSOR FUGITIVE	39169
FUG-H4	STABILIZATION HEATER FUGITIVE	39169
H-1	AMINE REGEN HEATER	39169
H-2	GLYCOL REGEN HEATER	39169
H-3	MOLE SIEVE REGEN HEATER	39169
H-4	STABILIZATION HEATER	39169
L-2	CONDENSATE LOADOUT	39169
LOAD-1	CONDENSATE LOADING	39169
PRO-GLY	GLYCOL UNIT	39169
TK-1	CONDENSATE STORAGE TANK	39169
TK-2	CONDENSATE STORAGE TANK	39169
TK-3	CONDENSATE STORAGE TANK	39169

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
TK-4	CONDENSATE STORAGE TANK	39169
TK-5	CONDENSATE STORAGE TANK	39169
TK-6	CONDENSATE STORAGE TANK	39169
TK-7	CONDENSATE STORAGE TANK	39169
TK-8	CONDENSATE STORAGE TANK	39169
TK-9	CONDENSATE STORAGE TANK	39169

Appendix A

Acronym List 65

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound